

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CHRISTOPH G. ERBEN, ET AL : Group Art Unit:
 Serial No.: : Examiner:
 Filed: :
 For COMPOUND FOR OPTICAL MATERIALS AND :
 METHODS OF FABRICATION :

INFORMATION DISCLOSURE STATEMENT

- ☒ 1 **Pursuant to 37CFR 1.97(b)**
 [within 3 months of national, non-CPA filing or prior to 1st Office Action] *no charge*
- ☐ 2 **Certification Pursuant to 37 CFR 1.97(c)(1)**
 [before Final Office Action, Allowance, or other action closing prosecution] *no charge*
- ☐ 3 **Fee Payment Pursuant to 37 CFR 1.97(c)(2)**
 [before Final Office Action, Allowance, or other action closing prosecution] *\$180.00*
- ☐ 4 **Certification & Fee Payment Pursuant to 37 CFR 1.97(d)**
 [On or before issue fee payment] *\$180.00*

ATTN: MAILSTOP PATENT APPLICATION
 COMMISSIONER FOR PATENTS
 ALEXANDRIA, VA 22313-1450

Sir:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98:

- ☒ 5 A list of documents on form PTO-1449 or Substitute together with copies of each identified document and a translation thereof or a concise explanation of each non-English language document or a Search Report from an International Searching Authority for a patent application filed via the Patent Cooperation Treaty or document(s) cited in the application or the priority application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated below.

 Date of Deposit

 Type or Print Name

 Signature

This paper is submitted in accordance with:

- ☒ 6 37 CFR 1.97(b): [within 3 months of national, non-CPA filing or prior to 1st Office Action]
- ☐ 7 37 CFR 1.97(c): [before Final Office Action, Allowance, or other action closing prosecution, whichever is earlier]; and
- ☐ 8 The required Certification made in item 11 below;
- ☐ 9 ^{or} The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 15 below.
- ☐ 10 37 CFR 1.97(d): [on or before issue fee payment]; and
- a) The required Certification is stated in item 11 below; and
- b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- ☐ 11 Certification
- ☐ 12 Each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this Statement; or
- ☐ 13 No item contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.
- ☒ 14 Payment of all applicable fees:
- ☒ 15 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 07-0868

An original and two (2) copies of this document are enclosed.

Respectfully submitted,

29-march 09

Date

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FORM PTO-1449 (REV. 7-80)		US. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 139041	SERIAL NO.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>LIST OF ITEMS</u>				Applicant Christoph Erben, et al			
				Filing Date	Group		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
	AA	5,023,380	06/11/91	Babb et al			
	AB	5,402,514	03/28/95	Booth, et al			
	AC	2003/0162985	08/28/03	Rantala, et al			
	AD	2003/0166953	09/04/03	Rantala, et al			
	AE	2003/0166954	09/04/03	Rantala, et al			
	AF	2003/0171607	09/11/03	Rantala, et al			
	AG	2003/0176718	09/18/03	Rantala, et al			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	WO 03/057702 A2	07/17/03	PCT			
	BB	WO 03/057702 A3	07/17/03	PCT			
	BC	WO 03/057703 A1	07/17/03	PCT			
	BD	WO 03/059990 A1	07/24/03	PCT			
OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)							
	CA	H. Shah, et al, "Direct generation of optical diffractive elements in perfluorocyclobutane (PFCB) polymers by soft lithography", IEEE Photonics Technology Letters, Vol. 12, No. 12, December 2000, PP 1650-1652					
	CB	D.W. Smith Jr., et al, "Perfluorocyclobutane (PFCB) polyaryl ethers: versatile coating materials", Journal of Fluorine Chemistry, 104, 2000, PP: 109-117					
	CC	D.W. Smith Jr., et al, "Perfluorocyclobutyl copolymers for microphotronics", Advanced Materials, 14, No. 21 2002, PP: 1585-1589					
	CD	W. Zhou, et al, "Perfluorocyclobutyl (PFCB) copolymers containing polyhedral oligomeric silsesquioxanes (POSS) for potential optical application", Polymer Preprints, 44(1), 2003, PP: 923					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							